

AMENDMENTS TO THE SPECIFICATION:

Page 1, amend the second paragraph (paragraph 0004 of the published application) as follows:

In the screen printing machine, when printing, a part of a printing agent 102 such as a cream solder or the like tends to go around a lower surface of a screen mask 100 from a lower edge of a screen hole 101 of the screen mask and ~~be left remain~~ there, as shown in FIG. 6. Accordingly, it is necessary to stop ~~an operation of~~ the machine [[and]] frequently to clean the screen mask frequently.

Page 1, amend the third paragraph (paragraph 0005 of the published application) as follows:

Further, it is necessary to dismount the screen mask [[at]] each time for this cleaning[[],]. ~~and the Since~~ cleaning [[work]] is a manual ~~work. Therefore process,~~ too much man-power and time are required.

Page 2, amend the first paragraph (paragraph 0006 of the published application) as follows:

Further, on the other hand, if the printing agent is a paste-like printing agent having a low viscosity, it is possible to completely remove the printing agent only by

lightly applying the printing agent to the screen mask and subsequently gently wiping up
~~without strongly rubbing~~ the printing agent from the screen mask.

Page 2, amend the third paragraph (paragraph 0008 of the published application) as follows:

The present invention is made by taking the points mentioned above into consideration, and is obtained as a result of [[the]] various experiments. An object of the present invention is to provide a cleaning apparatus structured such that ~~the whole~~ all of the problems mentioned above can be solved by automatically cleaning the screen mask by a machine, in the case of printing by using the paste-like printing agent having a low viscosity.

Page 2, amend the fifth paragraph (paragraph 0010 of the published application) as follows:

an adhesive tape which is brought into contact with a lower face of a screen mask
~~in a state of setting~~ with an adhesive surface of the tape facing upward;

Page 3, amend the first full paragraph (paragraph 0011 of the published application) as follows:

an adhesive tape take-up body which is rotated at a predetermined speed by a rotation driving source and takes up the adhesive tape in the reverse direction to a moving direction of the clearing cleaning unit and at a predetermined speed in correspondence to a moving speed of the cleaning unit;

Page 3, amend the fourth full paragraph (paragraph 0014 of the published application) as follows:

wherein the cleaning unit is structured such as to be moved upward at a cleaning starting end position, be moved horizontally [[till]] to a terminal end position, be moved downward at the terminal end position and be returned to the starting end position.

Page 4, in the BRIEF DESCRIPTION OF THE DRAWINGS section, amend the descriptions of Figures 2 and 3 (paragraphs 0016 and 0017 of the published application) as follows:

FIG. 2 is a right side view showing enlargedly, on a larger scale, the main portion of the present invention;

FIG. 3 is a left side view showing enlargedly, on a larger scale, the main portion of the present invention;

Page 4, amend the seventh paragraph (paragraph 0022 of the published application) as follows:

FIG. 1 is a front view of a main portion of the present invention, FIG. 2 is a right side view showing enlargedly the main portion on a larger scale, FIG. 3 is a left side view showing enlargedly the main portion also on a larger scale, FIG. 4 is a plan view of the main portion, and FIG. 5 is an explanatory view of an operation.

Page 6, amend the third paragraph (bridging pages 6 and 7)(paragraph 0029 of the published application) as follows:

In each time when a printing is performed by a squeegee (not shown), or after several printings are performed, the cleaning is performed. The cleaning is performed between a starting end A and a terminal end B in FIG. 5. Further, the cleaning unit 1 is moved upward in the starting end position A and is moved horizontally [[till]] to the terminal end position B. At a time of the horizontal movement, the adhesive tape 2 is taken up by the adhesive tape take-up body 3 in the reverse direction to the moving direction of the cleaning unit 1 and at the predetermined speed in correspondence to the moving speed of the cleaning unit 1. Accordingly, the adhesive surface of the adhesive tape 2 is in contact with the lower face of the screen mask 11 without rubbing, and the printing agent left in the lower face of the screen mask 11 is stuck to the adhesive surface and is removed. Further, the cleaning unit 1 is moved downward in the terminal end

position B, and is returned to the starting end position A. The operation mentioned above may be ~~finished carried out~~ only one time, or may be repeated several times.

Page 7, amend the second paragraph (paragraph 0030 of the published application) as follows:

The present invention has the structure and the operation mentioned above. Accordingly, in the case that the printing is performed by using the paste-like printing agent having the low viscosity, the cleaning of the screen mask can be automatically performed by the machine. Therefore, it is possible to solve ~~the whole all~~ of the problems generated in the conventional case that the cleaning is performed by the manual work. Further, since the adhesive surface of the adhesive tape is in contact with the lower face of the screen mask without rubbing and the printing agent left on the lower face of the screen mask is stuck to the adhesive surface and is removed, it is possible to prevent the printing agent from being pressed back into the screen hole in the screen mask, this phenomenon being possibly generated due to the rubbing.